

Abraham Hamitou

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EDUCATION

Florida Atlantic University <i>MSe in Information Technology Management - Engineering, (GPA: 4.00/4.00)</i>	December 2025 <i>Boca Raton, FL</i>
Florida Atlantic University <i>BA in Computer Science - Artificial Intelligence</i>	April 2022 - December 2024 <i>Boca Raton, FL</i>

SKILLS

Languages/Frameworks: Java, Python, JavaScript, CSS, HTML, SQL
Technologies: Mockito, Git, Illustrator, Figma, Firebase, React, Node.js, Jira, Scrum
Coursework: Data Structures and Algorithms, IT Mgmt Info Systems, Operating Systems, Distributed Systems

WORK EXPERIENCE

Florida Atlantic University <i>Systems Specialist PT</i>	May 2022 - Present <i>Boca Raton, Florida</i>
<ul style="list-style-type: none">Managed project priorities and troubleshoot IT systems, including Intune deployments and network configurations.Implemented virtualization using Hypervisor and VMware, reducing hardware costs by 15%.Conducted network diagnostics and optimized configurations, ensuring reliable connectivity and performance across campus systems.	
Amazon Web Services <i>Software Development Engineer Intern</i>	April 2023 - August 2023 <i>Seattle, WA</i>
<ul style="list-style-type: none">Developed performance metrics with Live Migration (LM) capabilities to optimize resource utilization in the cloud.Built a backend API in Java to enable LM Aware Packing and backfill capacity reporting.Designed workflows for packing instances into groups using summary templates and integrated an optimizer service to solve packing problems and generate KPI reports.Leveraged AWS S3 for scalable cloud storage, enhancing storage efficiency and reliability.Implemented automated tests with Mockito and JUnit, reducing manual testing efforts by 20%.	

PROJECTS

Hospital Management System <i>Java, SQL</i>	December 2023 - June 2024
<ul style="list-style-type: none">Developed a full-stack hospital management system using Java with a focus on modular architecture for appointment scheduling, patient management, and doctor coordination.Applied the Model-View-Controller (MVC) pattern, decoupling business logic, data handling, and user interface components, allowing for streamlined maintenance and scalability.Leveraged threading and concurrency in the backend processes to allow real-time appointment scheduling and patient-doctor coordination, ensuring the system can handle multiple users simultaneously without performance bottlenecks.	
Amazon Order Processing and Reporting System <i>MongoDB, Power BI, APIs</i>	November 2024
<ul style="list-style-type: none">Designed and implemented a scalable MongoDB solution to process over 30K+ orders monthly, ensuring efficient data handling and storage.Integrated Amazon Vendor Central APIs to automate performance tracking and enable robust data analytics.Automated daily and periodic data-fetching jobs, ensuring continuous data synchronization and accuracy.Connected MongoDB to Power BI, delivering real-time insights and custom dashboards to support business decision-making.Optimized API integration to ensure secure and reliable data exchange, meeting industry standards.	

CERTIFICATIONS

Project Management Professional Certificate by Google - 2024